

WHAT IS CLAIMED IS:

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a1 > 1. A mounting structure for a vehicle electrical connection box, for protecting the electrical connection box upon collision of the vehicle, comprising:

5 a protruding member provided to a box body of the electrical connection box, the protruding member being arranged to receive the impact of a collision before the box body does; and

at least one mounting member extended from the box body and fixed to a part of the vehicle at a front end thereof; wherein,

10 a portion of force of the impact received by the protruding member acts on the mounting member in a direction that intersects with the longitudinal direction of the mounting member.

2. A mounting structure for a vehicle electrical connection box which is arranged rearward of and in the vicinity of a dash panel serving as a partition between an engine space of the vehicle and an adjacent compartment, comprising:

20 a protruding member provided to a box body of the electrical connection box, the protruding member being arranged to receive the impact of a collision of the vehicle before the box body does; and

25 at least one mounting member extended from the box body and fixed to a part of the vehicle at a front end thereof, wherein:

the electrical connection box is fixed to a cowl side

panel through the mounting member extended from the box body;
and

5 a portion of force of the impact received by the protruding member acts on the mounting member in a direction intersecting a longitudinal direction of the mounting member.

3. A mounting structure for a vehicle electrical connection box, for protecting the electrical connection box when the vehicle receives impact, a box body of the electrical connection box being arranged to receives a portion of the
10 impact from a part of the vehicle, comprising

at least two mounting members extended from the box body, each mounting member being fixed to a part of the vehicle at a front end thereof, each mounting member being formed to have
15 high geometrical rigidity in a longitudinal direction; wherein,

a portion of the impact received by the electrical connection box acts on each mounting member in a direction that intersects with the longitudinal direction of the mounting
20 member.

4. A mounting structure according to one of claims 1 to 3, wherein the line of action of impact received by the box body extends off the center of rotation of the box body.

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5. A mounting structure according to claim 1 or 2, wherein the protruding member is provided with at least one reinforcing rib extending along the direction in which the impact is

transmitted.

6. A mounting structure according to claim 1 or 2, wherein
at least a portion of the mounting member extends in a direction
5 perpendicular to the direction in which the impact is
transmitted upon collision of the vehicle.

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